#### Work Order ID 62496

Thursday, September 30, 2010 1:49:40 PM



Page 1

Item ID:

PB67-43001-27

Accept

.7

Setup« Start



**Revision ID:** 

Item Name:

**Required Date:** 10/15/2010

Blade Positioner

**Start Date:** 

10/1/2010

QC:

Start Qty: 1.00

Req'd Oty: 1.00



**Cust Item ID: Customer:** 

Reference:

Approvals:

Process Plan: MF

Date: 10-9-30 Tooling:

0.00

SPC (Y/N):

Date:

Date:

Run

Start Stop

Stop



Sequence ID/ Work Center ID

Operation Description

**Revision Nbr** 

Set Up/ **Run Hours** 

Tool ID

Tool # Plan

Code

Accept Qty

Reject Qty

Reject Insp. Number Stamp

B67-43001-27

Draw Nbr

Rev C

100

Small Fab

Small Fab

Small Fab

Memo

Memo

Memo

Date: \_\_\_\_\_

0.00

1- slide -289, -291 and -293 on -19 tube then slide it in -285 tube □2- drill holes 0.159 (#21) thru -285 into -289 in (3) place and tap 10-32 UNF as per dwg \( \square\$ 3-

assemble all parts as per dwg PB67-43001

110

Quality Control

QC5- Inspect part completeness to step on W/O

210/10/14

120

Packaging

Identify as per dwg & Stock Location:

0.00

Packaging

W/O:	-		V	ORK ORDER CH	ANGES				<u>+</u>	
DATE	STEP	PRO	OCEDURE CH			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	•	PAR #:	Fault Ca	tegory:	NC	R: Yes I	No DQ	<b>4</b> :	_ Date: _	
	R	esolution:	Disposit	ion:	QA	N/C Clo	sed:		Date: _	
NCR:		V	WORK OR	DER NON-CONFO	DRMANCE	(NCR	)			
DATE	STEP	Description of NC		Corrective Action	Section B	0:	Verific		Approval	Approval
) JAIL	0.2.	Section A	Initial Chief Eng	Action Descrip Chief Eng	otion	Sign & Date	Section	on C	Chief Eng	QC Inspector
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#### Work Order ID 62496

Thursday, September 30, 2010 1:49:40 PM



Page 2

Item ID:

PB67-43001-27

Accept

Setup Start

Stop



**Revision ID:** 

Item Name:

Blade Positioner

**Start Date:** 10/1/2010 Start Qty: 1.00

Operation

Description

Req'd Qty: 1.00



Date: \_\_\_\_\_

**Cust Item ID:** 

**Customer:** 

Reference:

Approvals:

QC:

Date:

Tooling:

Date:

Start

Stop

**Required Date: 10/15/2010** 

Process Plan:

QC21- Final Inspection - Work Order Release

SPC (Y/N):

Date:

Accept

Reject

Sequence ID/ Work Center ID

130

QC

Memo

0.00

0.00

Set Up/

Run Hours

Tool ID

Tool # Plan Qty Code

Qty

Run

Inst. Stam. 10 10 120 10 10 - 20

Quality Control

W/O:			V	VORK ORDER CHANG	GES				· · · · · · · · · · · · · · · · · · ·
DATE	STEP	PRO	CEDURE CH	IANGE	Ву		Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
								F100 Mgi	
Part No	•	PAR #:	Fault Ca	tegory:	NCR: Y	es No	o <b>DQA</b> :	Date: _	
	R	esolution:	Disposit	ion:	_ QA: N/C	Clos	sed:	Date: _	
NCR:		V	VORK OR	DER NON-CONFORM	ANCE (N	CR)			
DATE	STEP	Description of NC Corrective Action			tion B		Verification	Approval	Approval
DATE	SIEP	Section A	Initial Chief Eng	Initial Action Description Chief Eng Chief Eng			Sign & Section C		QC Inspector
						-			

### **Picklist Print**

Thursday, September 30, 2010 1:49:39 PM

Work Order ID: 62496

Parent Item:

PB67-43001-27

Parent Item Name: Blade Positioner



Start Date: 10/1/2010

Start Qty: 1.00

**Required Date: 10/15/2010** 

Page 1

Required Oty: 1.00

Comments:

IPP Rev:A 08-07-29 new issue DD verified by:ec

IPP Rev:B 08-12-04 up date part list DD Verified by:ec

IPP Rev

Component Item ID/ tem Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
B67-43001-19		Manufactured	No			100	Each	1.0000		1	10.10	> <i>i3</i>	1
				Location	<u>on</u>	Loc (	<u>Oty</u>	Loc Code					
				ST			1		_				
B67-43001-29		Manufactured	No		362/18	100 <del>3 45</del> 0	1 Each	0.0000		1	- . 10 ·/	<u>0 · /3</u>	)
B67-43001-31  B67-43001-31 Upper Restr	aint Weldment	Manufactured	No			100 <u>B53</u> .	Each 335	0.0000	1	1	10.10	> /3	
B67-43001-35  B67-43001-35 Lower Pad A	Assembly	Manufactured	No			100	Each	6.0000	1	1.	10.10	<u>0.13</u>	
				Location	<u>on</u>	Loc (	<u>Oty</u>	Loc Code					
				ST443			6				_		
B67-43001-285		Manufactured	No		45030	100	6 Each	1.0000		1	10.10	<u>)                                    </u>	) )
	•			<u>Locatio</u> ST446	on 52670	Loc (	<b><u>Oty</u></b> 1	Loc Code	_	•	_		

Dait Ac	ospace	5 LIU							_
W/O:			WC	RK ORDER CHANG	ES				•
DATE	STEP	PRO	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No		PAR #:	Fault Cate	gory:	NCR: Yes	No D	QA:	_ Date: _	
	R	esolution:	Dispositio	n:	_ QA: N/C	Closed: _		Date: _	
NCR:			WORK ORDI	ER NON-CONFORMA	NCE (NC	R)			
		Description of NC	Corrective Action Se		on B	Veri	fication	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Dat	& Se	Verification Appro		QC Inspector
									-
					- - -				
,						:			
								:	

Thursday, September 30, 2010 1:49:39 PM

Work Order ID: 62496 Parent Item: PB67-43001-27 Parent Item Name: Blade Positioner Required Date: 10/15/2010 Start Date: 10/1/2010 Start Otv: 1.00 Required Oty: 1.00 PB67-43001-289 100 Manufactured No 5.0000 Each Stationary Handle Adjustment Fitting Location Loc Otv Loc Code ST439 5 62117 PB67-43001-291 100 Manufactured Each 4.0000 Clamp Bushing Location Loc Qty Loc Code ST439A 62121 4 PB67-43001-293 Manufactured No 100 Each 14.0000 **Extension Tube Adjustment Fitting** Location Loc Qty Loc Code ST439A 14 41882 7 7 47365 AN6-22A Purchased No 100 Each 27.0000 **BOLT** Location Loc Qty Loc Code ST342 27 110155 7 111060 20

W/O:			WO	RK ORDER CHANG	ES					••••
DATE STEP		PRO	PROCEDURE CHANGE					Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
									-	
			- 110							
					-					
Part No	:	PAR #:	Fault Cateç	jory:	NCR: Y	es N	o <b>DQ</b>	<b>\</b> :	Date: _	· · · · · · · · · · · · · · · · · · ·
	R	esolution:	Disposition	:	_ QA: N/0	Clos	ed:	<u>, , , , , , , , , , , , , , , , , , , </u>	Date: _	
NCR:			WORK ORDE	R NON-CONFORMA	NCE (N	CR)				
		Description of NC			ion B		Verification		Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng		gn & ate	Section C		Chief Eng	QC Inspector
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								-		
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Thursday, September 30, 2010 1:49:40 PM

Work Order ID: 62496 Parent Item PB67-43001-27 Parent Item Name: Blade Positioner **Required Date: 10/15/2010** Start Date: 10/1/2010 Start Qty: 1.00 Required Oty: 1.00 MS21042L6 Purchased No 100 Each 256.0000 Nut Location Loc Otv Loc Code ST300 256 4 111578 114495\_\_\_\_ 52 115300 200 MS27039-1-04 Purchased No 100 Each 353.0000 **SCREW** Location Loc Otv Loc Code ST291 353 353 115006 MS27039-1-08 . No 100 Purchased Each 1,589,000 Screw Location Loc Qty Loc Code ST291 1589 110835 477 114718 112 115108 1000 MS27039-1-09 Purchased 100 No 385.0000 Each Screw Location Loc Qty Loc Code ST291 385

111650 18057

356

29

									•	
W/O:			WO	RK ORDER CHANG	GES					
DATE	STEP	PRO	OCEDURE CHAN	IGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
			·····							
Part No	•	PAR #:	Fault Categ	ory:	_ NCR	: Yes N	o <b>DQ</b>	<b>A</b> :	_ Date: _	
	Res	solution:	Disposition	ii	QA:	N/C Clos	sed:		Date:	
NCR:			WORK ORDE	R NON-CONFORM	ANCE	(NCR)				
DATE	STEP	Description of NC	Initial		tion B	Sian 8	Verific		Approval -	Approval
		Section A	Chief Eng	Action Description  Chief Eng		Sign & Date	Secti	on C	Chief Eng	QC Inspector
		770								
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Thursday, September 30, 2010 1:49:40 PM

Work Order ID: 62496 PB67-43001-27 Parent Item: Parent Item Name: Blade Positioner Start Date: 10/1/2010 **Required Date:** 10/15/2010 Start Qty: 1.00 Required Qty: 1.00 MS51859-8 Purchased No 100 63.0000 Each WASHER Location Loc Qty Loc Code ST296 63 112940 63 NAS1149F0316P Purchased No 100 Each 287.0000 WASHER Location Loc Qty Loc Code ST275 287 112940 87 113237 100 113644 100 NAS1149F0363P No 100 Purchased Each 169.0000 Washer Location Loc Qty Loc Code ST275 169 113254 69 114382 100 NAS1149F0632P Purchased No 100 481.0000 Each WASHER Location Loc Qty Loc Code ST275 481 18057 481

	=								,				
W/O:			W	ORK ORDER CHAI	NGES					•			
DATE	STEP	PRO	OCEDURE CH	ANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
Part No	<u> </u>	PAR #:	Fault Cat	tegory:	NCF	R: Yes N	lo <b>DQ</b> /	<b>4</b> :	_ Date:				
	Re	solution:	Disposit	on:	QA:	N/C Clo	sed:		Date:				
NCR:			WORK ORDER NON-CONFORMANCE (NCR)										
DATE	STEP	Description of NC			Section B		Verific	ation	Approval	Approval			
DAIL	SILF	Section A	Initial Chief Eng	Action Description Chief Eng	on	Sign & Date	Secti	on C	Chief Eng	QC Inspector			
									-				

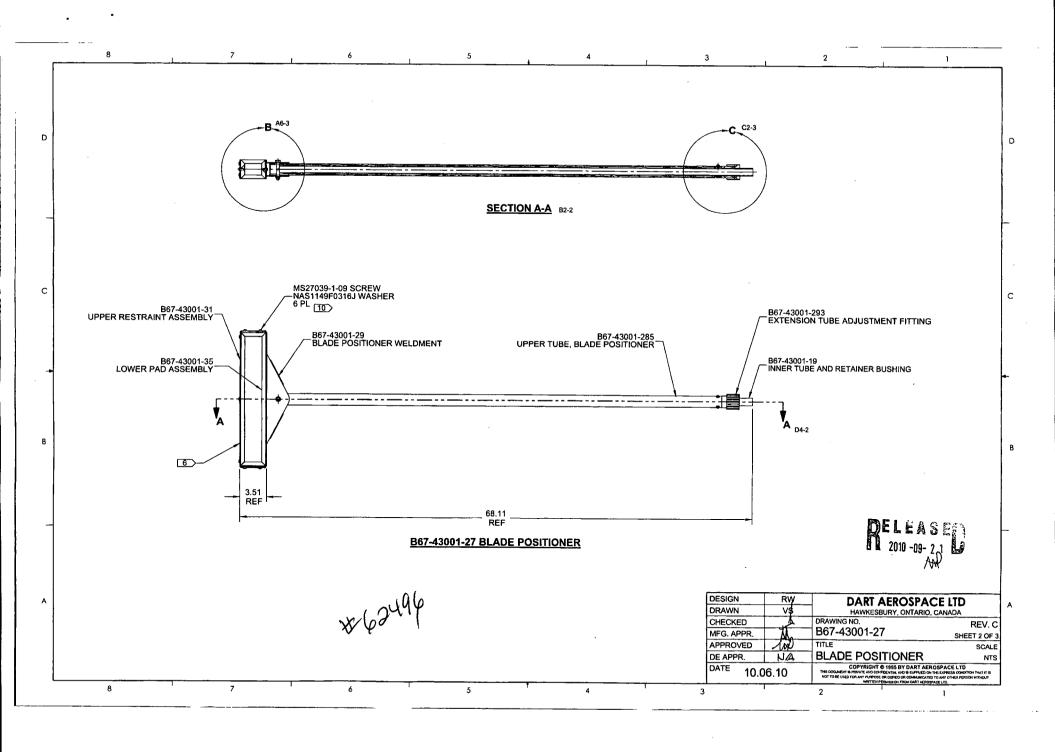
**B67-43001-27 BLADE POSITIONER** 

NOTES:
1) MATERIAL: NONE
2) FINISH: TOUCH UP PAINT WITH SANDFLEX GREEN.
POSSIBLE SUPPLIER BERTRAND BODY SHOP SUPPLIES P/N DART01K
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH RED LABEL
7) WEIGHT: 7.07 Ibs
8) DRILL THRU B67-43001-285/-289 PRIOR TO ASSEMBLY
9) DO NOT TORQUE NUT ON BOLT: TIGHTEN UNTIL SNUG
10) MATCH DRILL \$\phi\$0.193 HOLE THRU B67-43001-29 WITH NUTPLATES LOCATED ON B67-43001-35

D

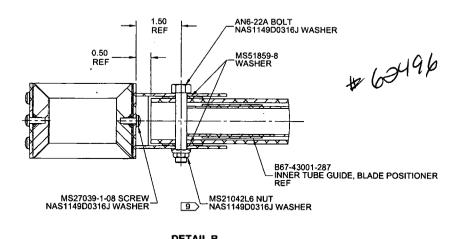
ITEM	QTY. -27	P/N	DESCRIPTION
	Х	B67-43001-27	BLADE POSITIONER
1		502 10001 10	
<u> </u>	1	B67-43001-19	INNER TUBE AND RETAINER BUSHING
2	1	B67-43001-29	BLADE POSITIONER WELDMENT
3	1	B67-43001-31	UPPER RESTRAINT ASSEMBLY
4	1	B67-43001-35	LOWER PAD ASSEMBLY
5	1	B67-43001-285	UPPER TUBE, BLADE POSITIONER
6	1	B67-43001-289	STATIONARY HANDLE ADJUSTMENT FITTING
7	1	B67-43001-291	CLAMP BUSHING
8	1	B67-43001-293	EXTENSION TUBE ADJUSTMENT FITTING
		****	
9	1	AN6-22A	BOLT
10	1	MS21042L6	NUT
11	3	MS27039-1-04	SCREW
12	1	MS27039-1-08	SCREW
13	6	MS27039-1-09	SCREW
14	2	MS51859-8	WASHER
15	7	NAS1149F0316P	WASHER
16	3	NAS1149F0363P	WASHER
17	2	NAS1149F0632P	WASHER

С	REDRAWN PREMIER AVIATION DRAWING IAW DART QSI 018 AND QSI 043. FOR PREVIOUS REVISIONS, REFER TO SHEET 4 OF PREMIER AVIATION DRAWING No. 867-43001. VS 10. REASON: SEE PARR09-011.							
REV.			DESCRIPTION	BY	DATE			
DESIG	7	RW	DART AEROSPA	CEL	ID			
DRAW	٧	V <sub>S</sub>	HAWKESBURY, ONTARI					
CHECK	ED	كلي	DRAWING NO.		REV. C			
MFG. A	PPR.	$N_{-}$	B67-43001-27		SHEET 1 OF 3			
APPRO	VED	100	TITLE		SCALE			
DE APP	PR.	N/A	BLADE POSITIONER		NTS			
DATE	10.0	6.10	COPYRIGHT 69 1995 BY DART AEROSPACE LTD  THIS DOCUMENT IS REPURE AND COMMISSION, AND EISURE LIGHT ON THE EXPRESS ORIENTION THAT IT IS  HOT TO BE USED FOR ANY PLAFFORE OR COMES OR COMMISSIONED TO ANY PROPRIES ON WITHOUT  WITHOUT PROPRISE OR COMMISSION FOR PROPERLY MICHIGAN WITHOUT  WITHOUT PROPRISE ORIGINAL FOR MICHIGAN AND AND AND AND AND AND AND AND AND A					



B67-43001-289 STATIONARY HANDLE ADJUSTMENT FITTING MS27039-1-04 SCREW NAS1149D0363J WASHER-3 PL B67-43001-293 -EXTENSION TUBE ADJUSTMENT FITTING REF DRILL Ø0.159 -AND TAP #10-32 UNF 3 PL 8 B67-43001-285 UPPER TUBE, BLADE POSITIONER-REF B67-43001-295 -EXTENSION TUBE, BLADE POSITIONER REF 120° TYP B67-43001-285 -UPPER TUBE, BLADE POSITIONER REF B67-43001-289 STATIONARY HANDLE ADJUSTMENT FITTING REF B67-43001-291 CLAMP BUSHING B67-43001-295 -EXTENSION TUBE, BLADE POSITIONER REF **-** D<sub>C7-3</sub>

SECTION D-D c3-3 (HARDWARE NOT SHOWN FOR CLARITY)



DESIGN	RW	DART AEROSPACE LTD			
DRAWN	V\$	HAWKESBURY, ONTARIO, C			
CHECKED		DRAWING NO.	TREV. C		
MFG. APPR.		B67-43001-27	SHEET 3 OF 3		
APPROVED	JA	TITLE	SCALE		
DE APPR.	N/A	BLADE POSITIONER	NTS		
DATE 10.0	06.10	COPYRIGHT © 1995 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND OWNEDENTIAL AND IS SUPPLIED OF THE EUROPE ON OWNED HE TO THE SUPPLIED ON THE THIS OWNED WITHOUT TO SUPPLIED ON THE SUPPLIED OF THE SUPPLIE			

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